

2014 RELEASE UNDER E.O. 14176

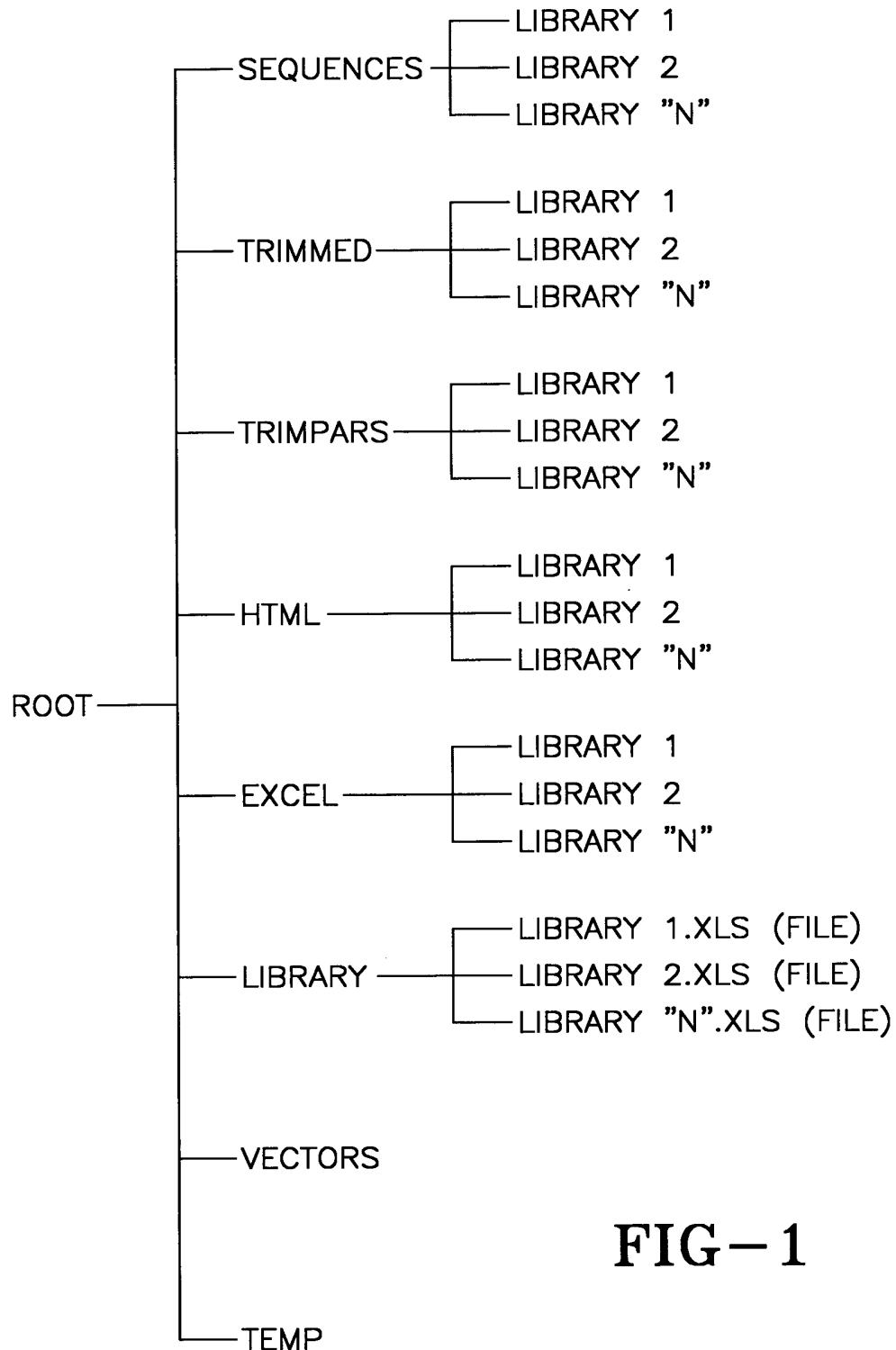


FIG-1

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**Subtraction Library Utility**

Choose the desired utility function

Select a Library      Known Subtraction Libraries

Create New Library and Associated Directories

ralph  
test  
test1

Trim raw sequences      Known Vector Files:

Threshold: 80

Blast trimmed sequences      Available Databases to be searched

Descriptions: 20      Alignments: 20

est       nr       yeast       htgs       vector  
 month       sts       ecoli       pdb       kabab  
 alu       epd

Sound

Help Tips

Minimize

Create XLS files from blasted (HTML) sequence files

Update library from selected XLS files

**FIG-2**

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Confirm or Enter Trimming Positions		Starting or 5' Adapter/Vector Information		Ending or 3' Adapter/Vector Information		
Insertion Orientation	Sequence	Score	#	Sequence	Score	#
Positive	AGCGCCCGGGGAGCT	68%	0	ACCTCGCCGACCAAGCT	70%	0
Negative	ACCGTGTGGGGGGAGGT	100%	0	ACCTGGGGGGGGGT	100%	0

16

14

12

10

\\Wired-fs1\sweeneye\Sub Lib Test\Sequence\test\41k06.seq

Remove below base: 23	Length: 289	Confirm Fwd: TACTAGTGGATCCGAGCTGGTACCAAGCTT	0%	The current sequence was previously trimmed
Remove above base: 312	Threshold: 80	Confirm Rev: TTGGAACCATGGCTCGAGCC	0%	
Sequencing direction was not determined				
<input type="checkbox"/> Allow Inserts	<input type="checkbox"/> Positive Orientation	<input type="checkbox"/> Use Threshold	<input type="checkbox"/> Allow Deletes	
<input type="checkbox"/> Use Threshold		<input type="checkbox"/> Find Best	<input type="checkbox"/> Back	<input type="checkbox"/> Apply
		<input type="checkbox"/> Skip	<input type="checkbox"/> Abort All	

FIG-3